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(71) Applicants (for all designated States except US):
SCHLUMBERGER TECHNOLOGY B.V. [NL/NL];
Parkstraat 83-89, NL-2514 JG The Hague (NL). PE-
TROLEUM RESEARCH AND DEVELOPMENT
N.V. [NL/NL]; De Ruyterkade 62, Willemstad, Cura-
cao (AN). SCHLUMBERGER CANADA LIMITED
[CA/CA]; 525 - 3rd Avenue S.W., Calgary, Alberta T2P

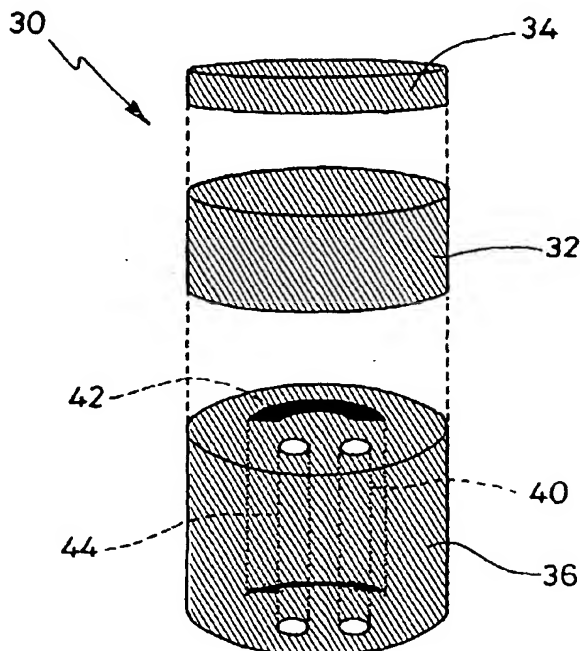
0G4 (CA). SCHLUMBERGER HOLDINGS LIM-
ITED [—/—]; P.O. Box 71, Craigmuir Chambers, Road
Twon, Tortola (VG). SCHLUMBERGER OILFIELD
ASSISTANCE LIMITED [—/—]; Craigmuir Cham-
bers, Road Town, Tortola (VG). SCHLUMBERGER
OVERSEAS S.A. [PA/PA]; 8 Calle Aquilino de la
Guardia, Panama City (PA). SCHLUMBERGER SER-
VICES LIMITED [—/—]; P.O. Box 438, Tortola (VG).
SCHLUMBERGER SURENCO S.A. [PA/PA]; 8 Calle
Aquilino de la Guardia, Panama City (PA). SERVICES
PETROLIERS SCHLUMBERGER [FR/FR]; 42, rue
Saint Dominique, F-75007 Paris (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): JIANG, Li
[CN/GB]; 47 Almoners Avenue, Cambridge CB1 8NZ
(GB). JONES, Timothy, Gareth, John [GB/GB]; 16 Den-
mark Road, Cottenham, Cambridgeshire CB4 8QS (GB).
LAWRENCE, Nathan [GB/GB]; Greenlea, 55 Rattle
Road, Westham, Pevensey, East Sussex BN24 5DG (GB).

[Continued on next page]

(54) Title: METHODS AND APPARATUS FOR THE MEASUREMENT OF HYDROGEN SULPHIDE AND THIOLS IN FLU-
IDS



(57) Abstract: An electrochemical sensor for measuring the amount of hydrogen sulphide or thiols in a fluid comprises an electrically conductive porous electrode within which are dispersed a precursor and a reaction solution which together with the hydrogen sulphide or thiols a redox reaction resulting in an electrical current dependent upon the amount of hydrogen sulphide or thiols in the fluid. The reaction solution may be initially provided in the pores of the porous electrode, or derived in use from the fluid itself.

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THOMPSON, Mary [GB/GB]; 5 Selby Road, Howden, Goole, East Yorkshire DN14 7 JW (GB). **COMPTON, Richard** [GB/GB]; 17 Blackhall Road, Oxford OX1 3QZ (GB).

(74) **Agent:** **WANG, William, L.**; Intellectual Property Law Department, Schlumberger Cambridge Research Limited, High Cross, Madingley Road, Cambridge CB3 0EL (GB).

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal, COMPENDEX, MEDLINE, EMBASE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JEROSCHEWSKI P ET AL: "GALVANIC SENSOR FOR DETERMINATION OF HYDROGEN SULFIDE" ELECTROANALYSIS, VHC PUBLISHERS, INC, US, vol. 6, no. 9, September 1994 (1994-09), pages 769-772, XP001023470 ISSN: 1040-0397 page 769, right-hand column figure 1	1,16-25
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Michalitsch, R

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